

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/067324 A1

(51) International Patent Classification⁷: H04Q 7/20, 7/36

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(21) International Application Number:

PCT/NO2004/000004

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date: 12 January 2004 (12.01.2004)

(25) Filing Language: English

(26) Publication Language: English

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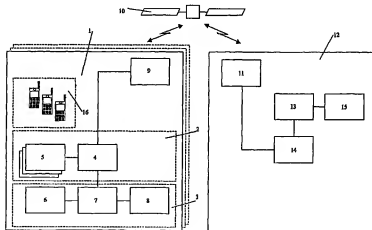
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: MODE OF OPERATION OF A MOVING CELLULAR RADIO NETWORK



(57) Abstract: Method of operation for a control system (3) that controls a cellular/mobile radio network (2) onboard a moving vessel. The control system combines information about the position of the vessel (6) with knowledge about assigned radio frequencies and regulatory conditions in the geographical area, as well as information about available frequencies (8), to adjust transmitted power and frequency usage. A vessel with this system onboard will be able to move freely in any national or international geographical area without infringing other radio networks operating in the same frequency band. Cellular/mobile phones (16) will be able to communicate with other cellular/mobile phones (16) and fixed phones on the same vessel or with phones in public fixed networks (13), public land mobile networks (15) or other moving radio networks, using the satellite system (9, 10 and 11) as transmission path between the systems on the vessel (1) and the common resources (12) on shore.

WO 2005/067324 A1



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